

# The Anchorage Amateur Radio Club News Bulletin

March 1997

Editor - Harvey E. Rookus NL7DK

Vol 26 No 3

## General Meeting March 7, 1997

A Short Business Meeting then adjourn to

Anchorage Police Department For

Tour of the 911 Dispatch Center and  
APD'S Emergency Comm. Van

APD 4501 South Bragaw

Entrance just south of Tudor Road

### What's Up?

General Meeting First Friday of Month - Carr-Gottstein Bldg APU Campus 7 pm  
Second Bldg on the left.

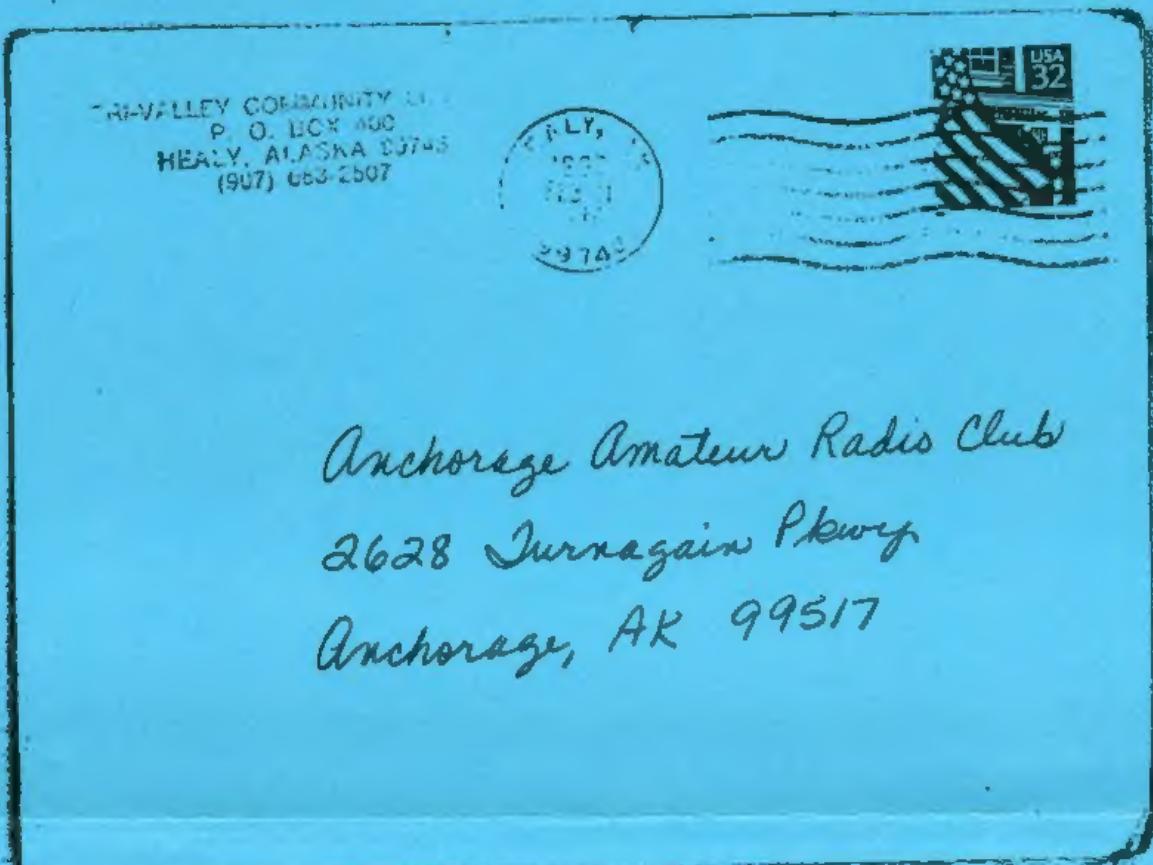
Board Meeting - Second Wednesday 7 pm - Grant Hall APU Room 150

VEC Testing - 1st Wed 6:30 pm, Carr-Gottstein Bldg.; 2nd Saturday, 2 pm Hope  
Cottage - 530 W. International Airport Rd. Enter Rear of Bldg.

3rd Wednesday, VFW Hall - Eagle River 7 pm

No appointment needed. Bring copies of previous testing. Bring Photo ID.

Mar 14 SCRC general meeting 7 PM Room 220 Bus Ed Bldg UAA

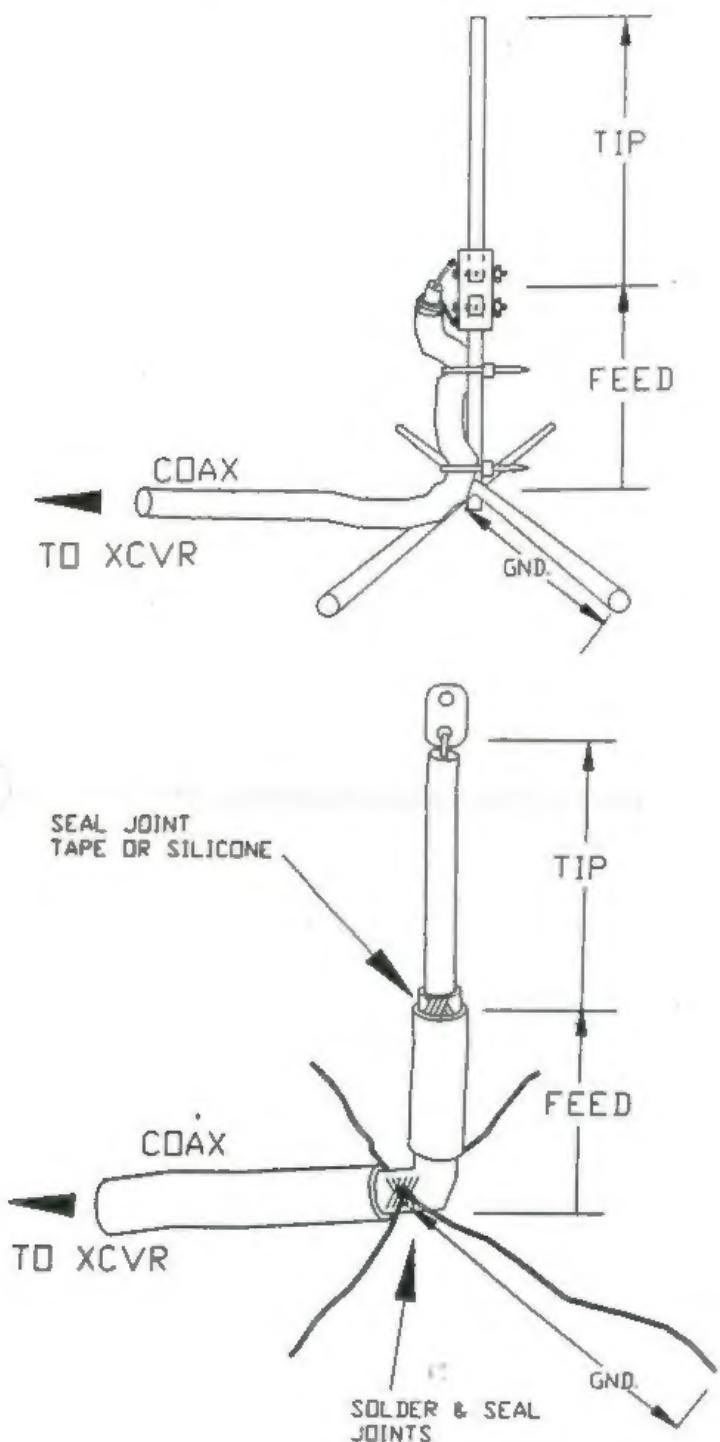


February 6, 1997

On behalf of the Tri Valley School/Community Library I wish to thank you for the donation of 20 books. It was a welcome addition to our radio communications and electronics sections. Your support is most appreciated.

Sincerely,

Carrie Shannon



## The KK Sleeve Antenna

By AL7KK (2-19-97)

How about a very simple antenna that will match a 50 Ohm coax line without any fancy gimmicks? It can be done with the AL7KK Sleeve Antenna. After 55 years of designing antennas I have come across some neat tricks, and this is one.

A quarter wave vertical antenna can be fed with coax at a certain spot up on the vertical element, and that spot will give you a 50 Ohm match. The center conductor of the coax goes to the top portion of the vertical. The shield goes to the bottom portion of the vertical. You can bring the coax down to the antenna base by tying it tightly to the side of the vertical conductor. Alternately, you can bring the coax down inside the vertical conductor, or you can even use the shield as part of the antenna. It is a real easy antenna, and it automatically matches 50 Ohm coax. A couple of drawings and a dimension table are included to give a better picture. ...73... Rob

Freq.	Tip	Feed	Gnd. Rods
1.9	133' 9.0"	72' 8.5"	123' 0.0"
3.65	69' 7.5"	37' 10.2"	64' 0.3"
3.90	65' 1.9"	35' 5.1"	59' 11.1"
7.15	35' 6.5"	19' 3.9"	32' 8.2"
10.12	25' 1.2"	13' 7.7"	23' 1.0"
14.18	17' 11.2"	9' 9.0"	16' 5.8"
18.12	14' 0.3"	7' 7.5"	12' 10.8"
21.3	11' 11.2"	6' 5.8"	10' 11.7"
24.93	10' 2.3"	5' 6.5"	9' 4.5"
28.85	8' 9.7"	4' 9.5"	8' 1.2"
52.00	4' 10.6"	2' 7.9"	4' 5.9"
146.00	1' 8.9"	0' 11.4"	1' 7.2"

## VEC REPORT - February 1997

	CALL	FROM	TO
ANCHORAGE			
DAVID A. BAUER		NO LICENSE	TECHNICIAN
RICHARD P. DOWLING		NO LICENSE	TECH PLUS
CLIFFORD M. DUNCAN		NO LICENSE	TECHNICIAN
DAVID C. FERGUSON		NO LICENSE	TECHNICIAN
DANIEL L. HORVATH (WASILLA) (WL7CLX)		TECHNICIAN	TECH PLUS
JERRY L. HUDSPETH (WASILLA) (KL0CO)		TECHNICIAN	TECH PLUS
ERIC L. KAHL		NO LICENSE	NOVICE
ERIC L. KAHL	(WL7CVC)	NOVICE	TECH PLUS
GENNADY KHOKHORIN		NO LICENSE	TECHNICIAN
LOUISE KIRZ		NO LICENSE	TECHNICIAN
GEOFFREY M. LARSEN		NO LICENSE	TECHNICIAN
FOSTER E. LENG (NINILCHIK)		NO LICENSE	TECHNICIAN
JOHN E. LYNN JR.		NO LICENSE	TECHNICIAN
BRIAN J. McCLASKEY		NO LICENSE	TECHNICIAN
JOHN W. PETERS		NO LICENSE	TECHNICIAN
CLYDE H. RAYMER JR.		NO LICENSE	TECHNICIAN
ERIC O. ROGERS		NO LICENSE	TECHNICIAN
TRENTON A. YATES		NO LICENSE	TECHNICIAN
BETHEL			
BIG LAKE			
BYERS LAKE			
DELTA JUNCTION			
JOEL A. BALLEK	WL7AI	ADVANCED	AMATEUR EXTRA
KENNETH E. FARROW		NO LICENSE	TECHNICIAN
JOANNA F. HOLBROOK (13)		NO LICENSE	TECHNICIAN
JAMES M. WILCOX		NO LICENSE	TECHNICIAN
EAGLE RIVER			
MICHAEL J. BRODIO (15) (PALMER)		NO LICENSE	TECHNICIAN
ALBERT L. HAYNES (CHICKALOON) KL7HHR		ADVANCED	AMATEUR EXTRA
FAIRBANKS			
DUANE I. BELAND		NO LICENSE	TECHNICIAN
ANTHONY L. BLANFORD		NO LICENSE	TECHNICIAN
JON BOLLES (72 YRS)		ADVANCED	AMATEUR EXTRA
HELEN R. BROWN		NO LICENSE	TECHNICIAN
GEORGE COLETTE (81)		NO LICENSE	TECHNICIAN
GEORGE A. COLETTE		NO LICENSE	TECHNICIAN
DAVID DeNARDO		NO LICENSE	TECHNICIAN
FRANK DeNARDO		NO LICENSE	TECHNICIAN
ANITA JORDAN		NO LICENSE	TECHNICIAN
JOHN G. KREIG		NO LICENSE	TECHNICIAN
RICHARD J.L. KEELER (17 YRS)		NO LICENSE	TECHNICIAN
MARGUERITE A. MATTHEWS		NO LICENSE	TECHNICIAN
JEFF T. MEIEROTTO		NO LICENSE	TECHNICIAN
GARY R. OLSON JR.		NO LICENSE	TECHNICIAN
D. MARIE O'NEIL		NO LICENSE	TECHNICIAN
GARY A. PEARSE	WL7PC	ADVANCED	AMATEUR EXTRA
CHARLES H. SCHEER		NO LICENSE	TECHNICIAN
DANIEL W. SCHWIERERT		NO LICENSE	TECHNICIAN
HOMER L. ROTHENHOFER JR.		NO LICENSE	TECHNICIAN
WILLIAM G. TAPSCOTT (ANDERSON)		NO LICENSE	TECHNICIAN
GUSTAVUS			

## VEC REPORT - FEBRUARY

## JUNEAU

FRANCES C. ARNOLD  
FRANK C. ARNOLD  
RON C. HAGERUP  
STEPHEN F. KUNZ  
ANISSA M. LEAP  
DEBORAH W. LESSMEIER  
GREGORY W. LESSMEIER  
JOAN H. RILEY  
JIM RUOTSALA  
RHONDA A. SALERNO  
BENJAMIN C. TIDSWELL  
KARL TWELKER (12 YRS)

WL7ZN

NO LICENSE TECHNICIAN  
NO LICENSE TECHNICIAN  
GENERAL ADVANCED  
NO LICENSE TECHNICIAN  
NO LICENSE TECHNICIAN

## KENAI

GREGORY D. LAWRENCE (KASILOF) WL7UQ

TECHNICIAN TECH PLUS

## NOME

HOWARD W. APPEL  
COLBY E. CARTER  
NITA V. CHAPMAN  
GARRY W. CURTISS  
BRIAN L. HOBBS (18 YRS) ANACORTES, WA  
GEOFFREY A. HUBERT (12 YRS)  
THOMAS L. GRAY (WHITE MTN)  
ARTHUR S. MORTON  
NATHAN E. PERKINS  
ROGER D. POWELL

WL7EA

NO LICENSE TECHNICIAN  
NOVICE TECH PLUS

## PALMER

PETERSBURG  
SOLDOTNA  
TRAPPER CREEK  
VALDEZ  
WASILLA  
WILLOW

NOTE (TECHNICIAN = NO CODE TECHNICIAN)

(TECHNICIAN PLUS = TECHNICIAN WITH H.F. PRIVILEGES)

submitted by Roger Hansen, KL7HFQ, VEC Director

## "How's this for an Antenna"???

**Kurt N. Sterba**

**D**uring ARRL's Sweepstakes in November, 1987, my antenna was two shopping carts from the market.

Using a Budwig connector, I had the coax center conductor going to one cart and the shield side to the other cart in the usual dipole configuration. At no time did the power exceed 60W into the tuner.

This was not a gung-ho contest effort because I like to lean back and have a good cigar. Lil and I go out to breakfast on Sunday morning, I stop and read the newspaper, etc.

With the shopping carts I worked about half the sections, 34 to be exact, including four Canadian provinces. Every U.S. call area was worked and also a DX station over 5,000 miles away.

I'm on one coast and the other coast was worked on 40. Contacts were made on 75-40-20-15 and 10. Efficiency did suffer on 75. On 40 the tuner settings were very critical with the low SWR point being ultra-narrow.

Needless to say, this is not the way to contest prominence but was done to prove a point. Contacts were made with California, Indiana and Michigan at 1752, 1753, 1754. Another string was WI, WI, STX LA, MO, STX at 1849-50-51-52-53-54. Then IL, NTX, STX at 1857-58-59.

There were another four contacts in five minutes. Yet another run was four contacts in four minutes, and another 4/4. And similar. Granted, not a Sweepstakes-winning score, but remember. . . barefoot into two shopping carts! Just sitting in the back yard. No radials, no amplifier, but I did have the tuner. In this case, for the sake of the demonstration, an old Dentron.

Yes, if you can get power into metal, it will radiate. It will then spray off the ionosphere.

A couple of Sweepstakes ago, I used a metal ladder for a radiator. Letters came in saying they didn't believe it. Let me give you total assurance it is all very true

No, two shopping carts are not a "disguise" antenna, and it isn't written up in the SOE book. However such should lead one to experiment with rain gutter antennas and the like.

I can sympathize with those with antenna restrictions (in my neighborhood, antennas make the place look better). One answer may be one that I've had very good results with, and that is wire just along the fence. Out the window with coax to the fence and then one wire to the left, one wire to the right.

Comments (but not from doubters) are always appreciated.



**Budwig connector energizes the shopping carts.**

**AERIALS II \$11.00**  
**World Radio Books**  
**2120 28th St., Sacramento, CA 95818**

**"1964 Alaska Earthquake"**  
by  
**George Sharrock NB4U**

George was the mayor at the of the Alaska Earthquake. He was also an employee of PNA (Pacific Northern Airlines). George was in charge of Traffic and Sales at that time. Someone said that PNA meant Practically No Airline. This snide remark came from an employee of PNA. George says that it was the best airline in the west! When the quake came along, as mayor of Anchorage, he had many things to do for the populace and could not properly do PNA's work also. PNA paid his salary since his monthly salary from the City was only \$200 per month.

The evening of the quake George left work a little early to go to the airport to see Carl and Carol Brady off to St. Petersburg, Florida. Mrs. Brady had been selected as Mrs. Alaska and they were going to attend the Mrs. America contest. Robert Baker, president of the Matanuska Valley Bank also was at the airport to see the Bradys off. After the plane left, George and Baker went to a bar for a little libation. While in the bar Bob asked George if he had any suggestions on a problem he had at his home. Baker's home was in Turnagain by the Sea, on a seventy-foot bluff facing the ocean. The Cook inlet tides were under-cutting the cliff every year, so much that part of the cliff would crumble into the ocean. He was looking for some way to prevent the loss of his front lawn and the distance between the cliff and his house was getting shorter. They discussed some possible ways to help. George said "Bob, you awaken some morning and find yourself in the inlet!". Little did they know that within the hour his house would be in the inlet, along with seventy eight other homes which were destroyed by the landslide caused by the earthquake.

They left in a few minutes, headed for Turnagain, each in his own car. George was only a few blocks south of Northern Lights Boulevard on Turnagain Drive when suddenly the car made a violent jerk to the right. He thought his right rear wheel had fallen off. Almost instantly the car swerved in the opposite direction. He realized that it was caused by a severe

### "1964 Earthquake" continued

earthquake. He had to stop at once, since driving was not possible. This terrible shaking became more violent and lasted for several minutes.

While this was going on he looked around to see what was taking place. No one was observed leaving the houses along the street. He saw several dogs who appeared terrified. They would run a few steps in one direction and would be thrown to the ground. They would rise and start running in different direction and again be thrown to the ground. He saw a raven trying to land on top of a telephone pole. It made several attempts but at the time he would have landed, the top of the pole had swung out of his way. He finally flew away out of sight. The trees were swaying back and forth, like fly-rods. He saw a couple of falling chimneys on the outside of houses.

After some minutes the violent shaking subsided a little, which made driving possible. However the quake was still going on. George started driving and in a few minutes was in Turnagain and at his home. His home was back from the bluff several blocks, however a large crack ran up one side of the driveway and continued through the house. He knew that he would have to go into the city at once, but wanted to see if his wife was home and what might have happened to the house. The sidewalk leading to the front door was completely shattered, as was the concrete porch. However, the twenty by thirty foot patio along side the sidewalk was not cracked. It was later determined that the patio had subsided a full three inches. His wife Pauline heard George drive up and came to the door yelling "George"! She almost fell when she started to come out on the shattered porch. They went into the house to see what had happened, however the inspection had to be brief. They found that the shelves facing east and west in the kitchen had been emptied of their contents as well as the items in the refrigerator. These items had formed a conical heap almost two feet high. They had no time to clean up the mess. George looked into the basement and found that the stairs had been completely forced out of line by the crumbling wall of the basement. Two of the basement walls were shattered and the third one partially.

"1964 Earthquake" continued

George and Pauline immediately started downtown. When they got to West High School they saw that the top floor of the building was shattered. At that time the road downtown was by way of Spenard Road. Where the road crossed Chester Creek the quake had forced a three-foot high mound of dirt and rocks along the south side of the creek. They had to turn around and go back to another alley that went east on the south side of the creek. They soon found a street that crossed the creek and they proceeded downtown.

They thought it strange that they had not seen a single person since the earthquake had started. One would have thought that many people would have rushed outside to see what was happening. But not a person was seen!

They arrived at the Public Safety Building in a few minutes. This building, located on the corner of C Street and 6th Avenue, was designated as the place where city personnel would congregate in an emergency. The building had an emergency power supply; it was the headquarters of both the police and fire departments, and where the radio equipment of both departments was located. George asked the policeman on duty if he knew what had happened. He said someone had said there was destruction on 4th Avenue. George and his wife drove down to 4th Avenue on C Street. They saw that much of 4th Avenue on the north side had slid down the hill, with almost total destruction. George knew that natural gas was used almost exclusively downtown and could be the cause of fire. There were many people moving around this area and could have been endangered either by fire or after shocks, which certainly be expected. It was his thought that the area should be closed off and people removed until safety was assured.

They returned to the police station and made this recommendation. However, the police said they did not have sufficient manpower to do this on the spur of the moment. So George determined to contact General Reeves, of the Alaskan Command at Elmendorf Air Force Base.

## **Anchorage Amateur Radio Club, Inc.**

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## FOR SALE

220 Larson Whip Antenna with Resonator; Spider HF Antenna, All Bands 80-10 Meters; Kenwood TM-732 Dual Bander, 2 mte and 70 CM Contact Ed NL7VP @ 243-4348H or 249-3151W

**BALANCE SHEET**  
As of 2/11/97

AARC95-All Accounts

Account	2/11/97 Balance
<b>ASSETS</b>	
<b>CURRENT ASSETS</b>	
AARC Gaming-	49,550.23
AARC Holding-	817.48
Bond Account-	5,263.40
Business Acct-	2,923.56
Life Membership-	22,852.58
<b>TOTAL CURRENT ASSETS</b>	<b>81,407.25</b>
<b>TOTAL ASSETS</b>	<b>81,407.25</b>
<b>TOTAL LIABILITIES</b>	
	0.00
<b>EQUITY</b>	
<b>EQUITY ACCOUNTS</b>	
Open Bal Equity-Opening Bal 'Equity	85,073.43
<b>TOTAL EQUITY ACCOUNTS</b>	<b>85,073.43</b>
<b>CURRENT EARNINGS</b>	<b>-3,666.18</b>
<b>TOTAL EQUITY</b>	<b>81,407.25</b>
<b>TOTAL LIABILITIES AND EQUITY</b>	<b>81,407.25</b>

## South Central Radio Club

**"KL7G"**

### The Club's new Callsign!

The original holder of KL7G was Gale Allard, formerly KL7BJW and briefly KL7IW.